

**FIG. 1**

# Replacement Sheet

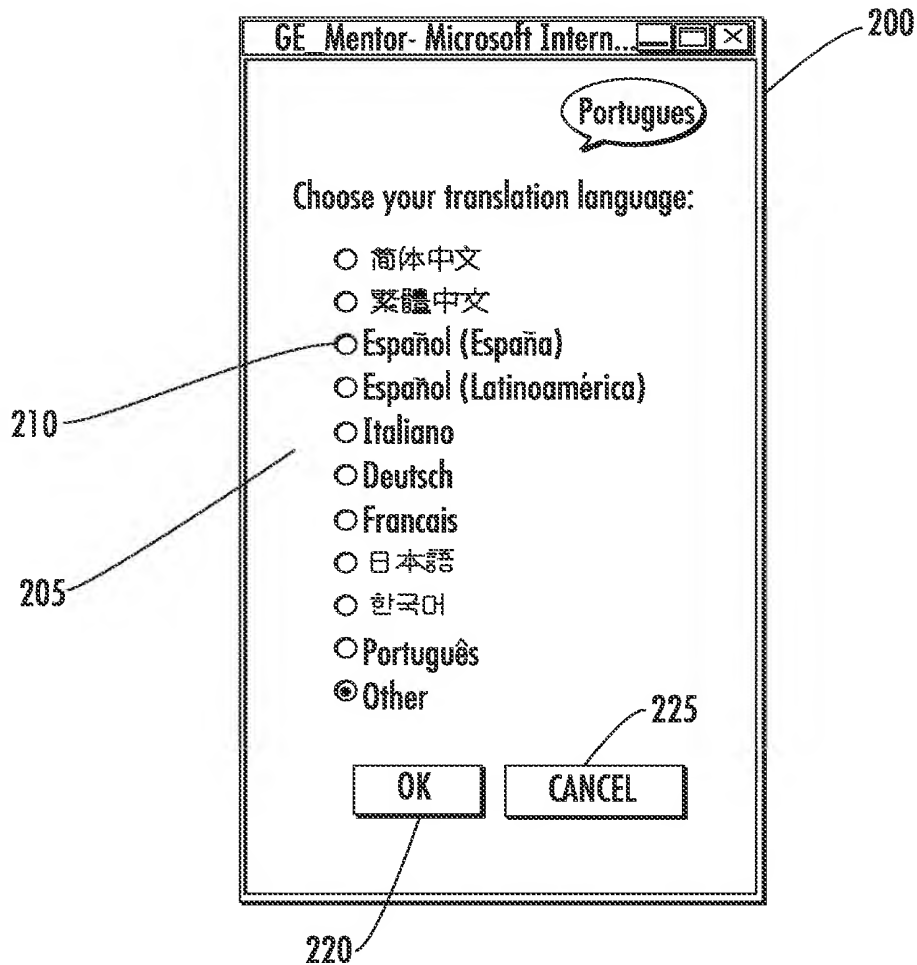
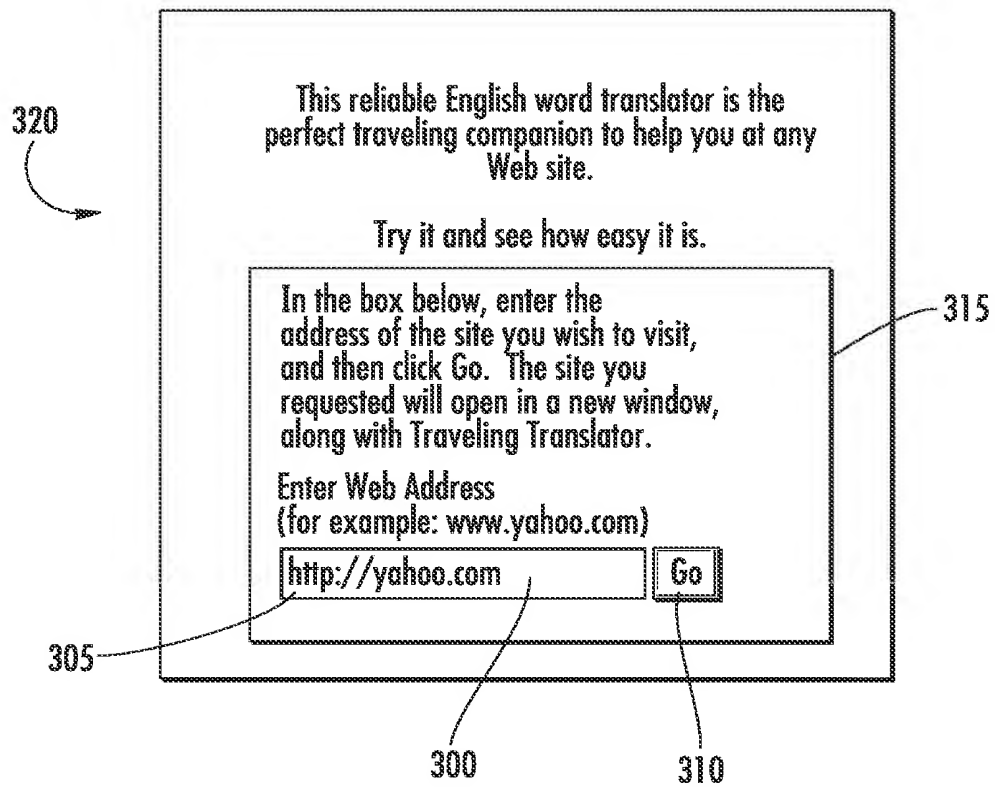


FIG. 2

# Replacement Sheet



**FIG. 3**

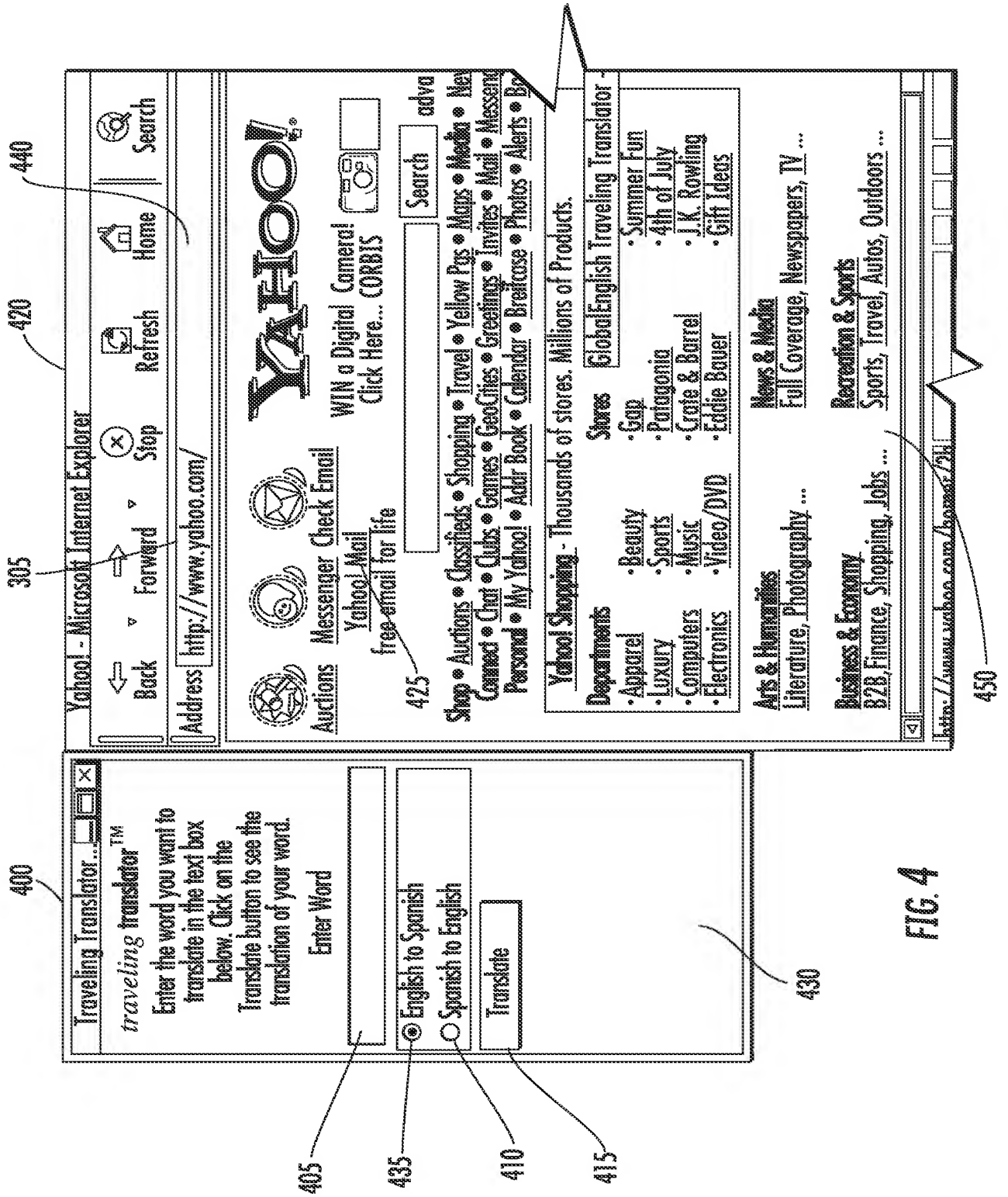


FIG. 4

## Replacement Sheet

```

/*
 * javascript code used to draw large original page and then to open small
 * Traveling Translator window
 */

//provides return key functionality
function loadPage ( ) {
var f = getframe (1) .document .forms;
if (f && f[0] ) {
f[0] .Loc.onkeydown = checkKey;
f[0] . Loc.focus ( );
}
}

// opens new window
function loadNew ( ) {
Obj. Win = "trav";
var lang = User.Lang ? User.Lang : getLang ( );
var newU = window.getFrame (1) .document .URLForm.Loc.value;
if (lang == "EN") {
    alert("First choose a translation language.");
    return (false);
}
else if (newU.length <8)
    alert ("Please enter a valid URL");
else
{
    var lw = 200;
    var lh = 500;
    var lf = "height=" + lh + "width=" + lw +
    ",resizable=yes,scrollbars=no,toolbar=no,menubar=no,status=no,location=no, left=3
    ,top=30";

    var o=new Object ( );
    o.ClassId=204;
    o.Id=203672;

    var Ink=doLinkStr (o, obj.Lang, false);
    window.open(Ink, "transword", lf);
}
}

//searches for return key press
function checkKey (e)
{
var returnKey = "13";
var key;

if(isIE)
    key = window.getFrame(1) .event.keyCode;
else
    key = e.which;
if (returnKey == key) {
    loadNew ( );
    return (false);
}
}
    
```

Diagram annotations:

- 510 points to the closing brace of the `loadPage` function.
- 520 points to the `if (lang == "EN")` condition.
- 530 points to the `return (false);` statement inside the `if` block.
- 540 points to the `else if (newU.length <8)` condition.
- 550 points to the `else` block.

**FIG. 5A**

## Replacement Sheet

```
//returns text for appropriate user language
function drawcopy ( )
{
    ulang=Obj.Lang
    var whichVar=""
    if (ulang=="DE-DE")
        whichVar="<=var4>"
    if (ulang=="FR-FR")
        whichVar="<=var5>"
    if (ulang=="IT-IT")
        whichVar="<=var6>"
    if (ulang=="JA-JP")
        whichVar="<=var7>"
    if (ulang=="PT-BR")
        whichVar="<=var8>"
    if (ulang=="ES-MX")
        whichVar="<=var9>"
    if (ulang=="ES-ES")
        whichVar="<=var10>"

    return whichVar;
}

//we don't support Chinese or Korean -- this checks for that
function goodlang ( ) {
    var p = parent;
    if (natLang ( ) == langArray [7] || natLang ( ) == langArray [8] || natLang ( ) ==
    langArray [9] )
        return false;
    else
        return true;
}

// draws form header
function noLink ( ) {
    var s = "";
    if (goodLang ( ))
    {
        s += "form name=URLFORM><=var2><br><input type=text name=Loc size=20
        value=http://> <input type= 'button' name='Go' value= '<=var11>'
        onClick='parent.loadNew ( )'></form>";
    }
    return s;
}
```



FIG. 5B

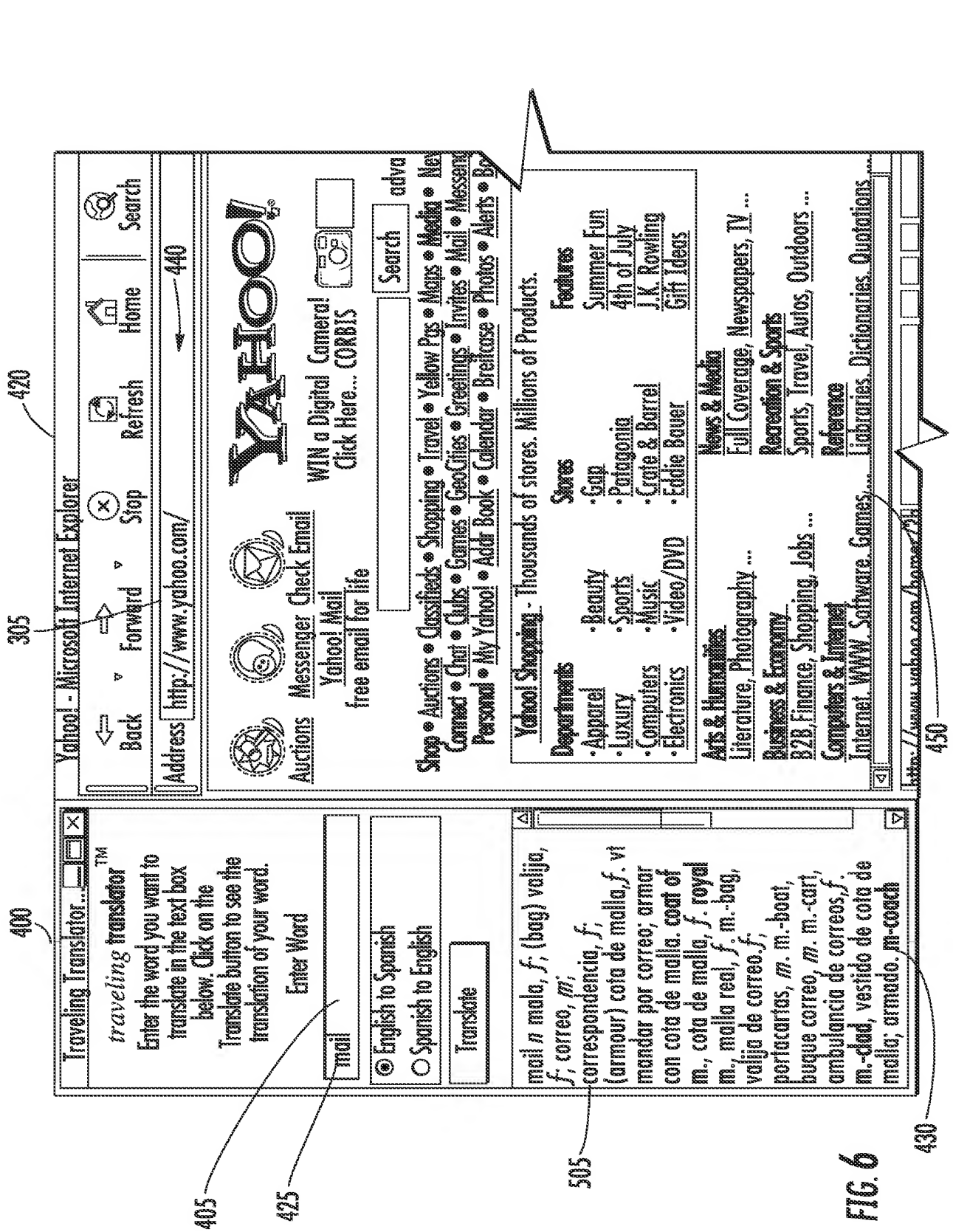


FIG. 6

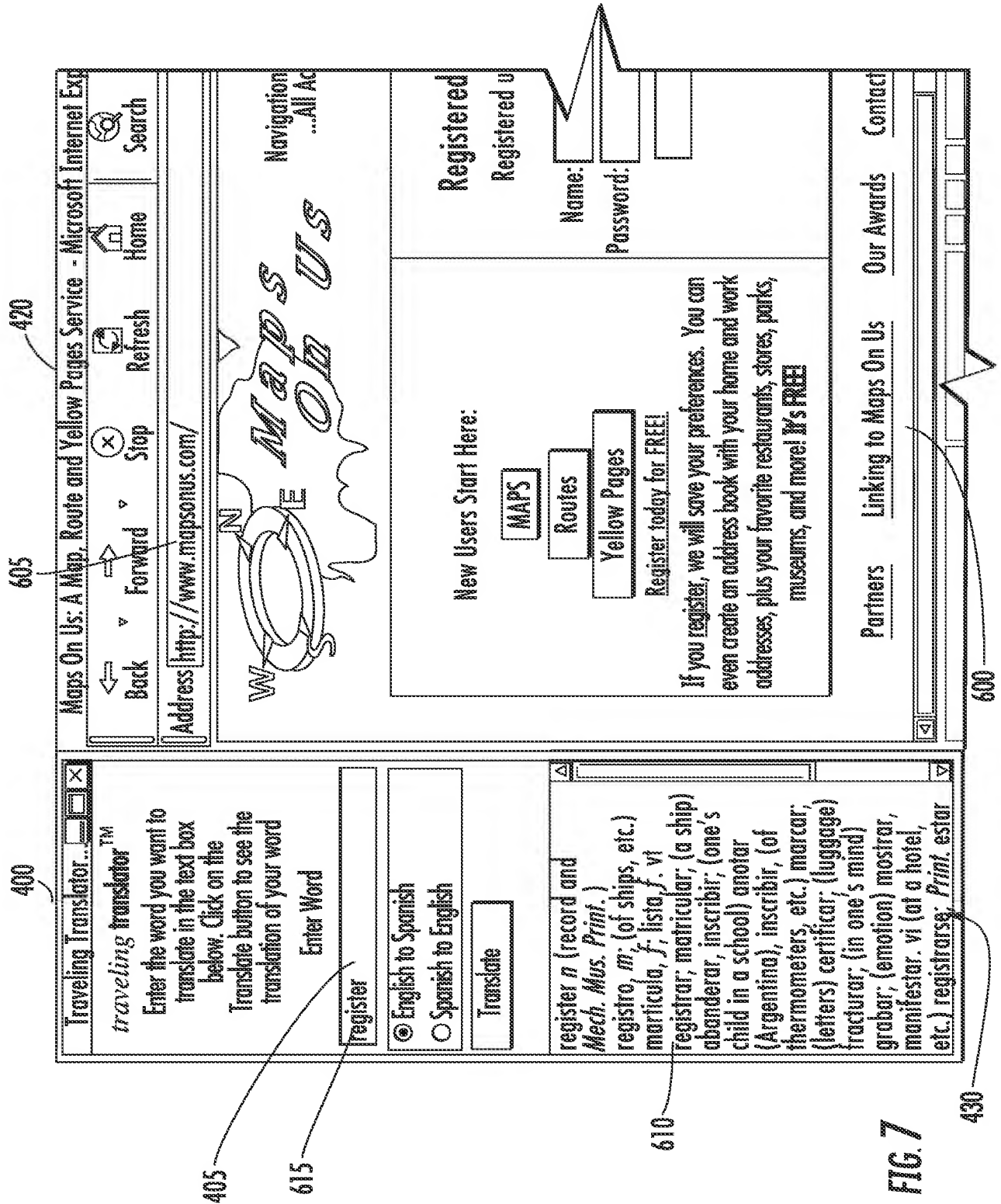


FIG. 7



## Replacement Sheet

```

/*
 * javascript code used to draw small window, create server query
 * and open new large window as requested by user
 */

//differentiates between traveling translator and
//translate word feature of site (same as functionality)

function loadpage( ) {

var sel=getURLParam('transword');
var f = window.frames [0].document.forms;
if ( f && f[0] )
f[0].onkeydown = checkKey;

if (window.opener)
{
    if (window.opener.Obj.Win == "trav")
        openWin( );
    else
        getDef (sel);
}

//opens new browser window for requested url
function openWin( ) {

var lw = 200;
var lh = 350;
var sw = screen.width;
var sh = screen.height;
var bf="resizable, scrollbars, toolbar, status, location, menubar";
bf += "height="+(sh-130)+"",width=" + (sw-lw-25) + ",left=" + (lw+15) +
",top=30";
var site=window.opener.frames [1].document .URLForm.Loc.value;
var win=window.open (site, "outside", bf);
if (isIE || isIE5)
win.focus ( );
getFrame (0).document .forms [0].search.focus ( );

}

//call to server for translation
function getDef (sel)
{
var lang = User.Lang ? User.Lang : getLang( );
var f = getFrame (0).document .forms [0];
if (sel == "true")
sel = f.search.value ;

dirStr="";
if (sel != "" && sel != "undefined")
{
f.search.value = sel;
sel = sel.replace(/\\s+\\/s+$/ , "");
var tdStr = serverPath ( ) + "reference/td/td.asp";
f.lang.value = lang

```

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**FIG. 8A**

## Replacement Sheet

```

f.action = IdStr;
f.target = 'bottom';
f.submit( );

    setTimeout ("getFrame (0) .document.forms [0] .search.focus ( )", 1500);

}
else if (sel == "" && window.opener.Obj.word)
    alert("Please enter a word");

}

// determine which language to display translation direction choices
function getFirstVar ( )
{
    var ulang = User.Lang ? User.Lang : getLang ( );
    var whichVar="";
    if (ulang=="DE-DE")
        whichVar="<=var2>"
    if (ulang=="FR-FR")
        whichVar="<=var8>"
    if (ulang=="IT-IT")
        whichVar="<=var6>"
    if (ulang=="JA-JP")
        whichVar="<=var10>"
    if (ulang=="PT-BR")
        whichVar="<=var12>"
    if (ulang=="ES-MX")
        whichVar="<=var14>"
    if (ulang=="ES-ES")
        whichVar="<=var16>"

    return whichVar;
}

Function getSecVar ( )
{
    var ulang = User.Lang ? User.Lang : getLang( );
    var whichVar="";
    if (ulang=="DE-DE")
        whichVar="<=var3>"
    if (ulang=="FR-FR")
        whichVar="<=var9>"
    if (ulang=="IT-IT")
        whichVar="<=var7>"
    if (ulang=="JA-JP")
        whichVar="<=var11>"
    if (ulang=="PT-BR")
        whichVar="<=var13>"
    if (ulang=="ES-MX")
        whichVar="<=var15>"
    if (ulang=="ES-ES")
        whichVar="<=var17>"

    return whichVar;
}

```

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**FIG. 8B**

## Replacement Sheet

```
// determine if Traveling Translator or Translate Word image appears on top of
the page
function getImage( )
{
    var s = "";
    if (window.opener && window.opener.Obj.Win == "trav")
        s += "<img src=../gimg/tt_label.jpg border=0>";
    else
        s += "<img src=../gimg/ttword.gif border=0>";
    return s;
}

// uses smaller text box for double-byte Netscape users
function getBoxSize( )
{
    s = "";
    s += "<input type=text name=search size="
    if (useDByte( ) || isIE || User.Lang == "JA-JP")
        s += "12>";
    else
        s += "25>";
    return s;
}

// looks for return key being pressed
function checkKey (e)
{
    var returnKey = "13";
    var key;

    if(isIE)
        key = window.getFrame (0) .event.keycode;
    else
        key = e.which;

    if(returnKey == key) {
        sel = getFrame (0) .document.forms[0] .search.value;
        getDef(sel);
        return (false);
    }
}

//resize function for netscape users who resize thier window
if (!window.saveInnerWidth) {
    window.onresize = resizeIt;
    window.saveInnerWidth = window.innerWidth;
    window.saveInnerHeight = window.innerHeight;
}

function resizeIt ( ) {
    if (saveInnerWidth < window.innerWidth ||
        saveInnerWidth > window.innerWidth ||
        saveInnerHeight > window.innerHeight ||
        saveInnerHeight < window.innerHeight)
    {
        window.history.go (0);
    }
}
```




FIG. 8C